THE MATHEMATICS TEACHER

EDITED BY

W. H. METZLER

ASSOCIATED WITH

EUGENE RANDOLPH SMITH

MAURICE J. BABB

Vol. III

September, 1910—June, 1911

THE MATHEMATICS TEACHER

SYRACUSE, N. Y.

PRESS OF
THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

INDEX.

PAGE

Algebra Syllabus, Report of the Committee of the Association of Teachers of Mathematics in the Middle States and Maryland
- Elementary and Intermediate 56
- Advanced 76

Arithmetic for New York State, The New Syllabus..... 189
Arithmetical Test in Three Philadelphia High Schools, An..... 185
Authors
- Arnett, L. D. 37
- Babb, M. J. 27
- Fitch, E. D..... 116
- Foering, H. A..... 122
- Graves, G. H..... 82
- Hart, Howard F.....24, 167
- Jackson, W. H..... 21
- Koch, E. H., Jr..... 170
- Metzler, William H..... 9
- Peck, Paul Noble..... 49
- Rorer, J. T..... 185
- Roe, E. D., Jr..... 43
- Schwatt, Isaac J.....1, 101
- Shaver, Charles A. 189
- Smith, Eugene R.....18, 127
- Thorndike, Edward L..... 213
- Wheelock, Charles F..... 123
- Ziegler, E. B..... 116

Approximate Computation, Some Remarks on..... 27
Average Secondary School Pupil Able to Acquire a Thorough Knowledge of all the Mathematics Ordinarily Given in the Schools? Is the..... 101
Books, New 49, 90, 131, 219
By-Laws, The 163
Calculus, Development of the Fundamental Ideas of the Differential. 82
Constitution, The 161
Cost of Living, Teachers' Salaries and..... 37
Curriculum of Mathematics, On the..... 1
Definition of Limit, A Generalized..... 43
Development of the Fundamental Ideas of Differential Calculus.... 82
Discipline, Formal 9
Division and Some of its Applications, A Shortened Form of Synthetic 18
Editorial 165
Efficiency in Elementary Mathematics, Training for..... 170

Elementary Trigonometry, A Simplification in..... 21
Elementary Mathematics, Training for Efficiency in..... 170
Factor, Highest Common 167
Formal Discipline 9
Federation of Teachers of the Mathematical and Natural Sciences, Report of the Minneapolis Meeting of the American..... 194
Fundamental Ideas of Differential Calculus, Development of the.... 82
Geometry, Special Devices in Teaching..... 49
Highest Common Factor 167
High Schools, An Arithmetical Test in Three Philadelphia..... 185
Is the Average Secondary School Pupil Able to Acquire a Thorough Knowledge of all the Mathematics Ordinarily Given in the Schools? 101
Discussion by E. D. Fitch..... 116
E. B. Ziegler..... 116
H. A. Foering..... 122
Charles F. Wheelock..... 123
Eugene R. Smith 127
Limit, A Generalized Definition of..... 43
List of Officers and Members 135
Mathematics, On the Curriculum of..... 1
Members, List of..... 139
Minneapolis Meeting of the American Federation of the Mathematical and Natural Sciences, Report of the..... 194
New York State, The New Syllabus in Arithmetic for..... 189
New Books 49, 90, 131, 219
Notes and News 50, 94, 129, 221
Officers, List of..... 137
Philadelphia High Schools, An Arithmetical Test in Three..... 185
Remarks on Approximate Computation, Some..... 27
Report of the Minneapolis Meeting of the American Federation of the Mathematical and Natural Sciences 194
Results of the Teaching of Science, Testing the 213
Shortened Form of Synthetic Division and Some of its Applications, A 18
Simplification in Elementary Trignometry, A..... 21
Solid Geometry 24
Special Devices in Teaching Geometry 49
Syllabus, Algebra 56
Syllabus in Arithmetic for New York State, The New..... 189
Synthetic Division and Some of its Applications, A Shortened Form of 18
Teaching of Science, Testing the Results of the..... 213
Teachers' Salaries and Cost of Living 37
Teaching Geometry, Special Devices in 49
Testing the Results of the Teaching of Science 213
Test in Three Philadelphia High Schools, An Arithmetical..... 185
Training for Efficiency in Elementary Mathematics 170
Trigonometry, A Simplification in Elementary 21